Federal Operating Permit
Article 1

This permit is based upon the requirements of Title V of the Federal Clean Air Act and Chapter 80, Article 1 of the Commonwealth of Virginia Regulations for the Control and Abatement of Air Pollution. Until such time as this permit is reopened and revised, modified, revoked, terminated or expires, the permittee is authorized to operate in accordance with the terms and conditions contained herein. This permit is issued under the authority of Title 10.1, Chapter 13, §10.1-1322 of the Air Pollution Control Law of Virginia. This permit is issued consistent with the Administrative Process Act and 9 VAC 5-80-50 through 9 VAC 5-80-300 of the State Air Pollution Control Board Regulations for the Control and Abatement of Air Pollution of the Commonwealth of Virginia.

Authorization to operate a Stationary Source of Air Pollution as described in this permit is hereby granted to:

Permittee Name:	Ford Motor Company
Facility Name:	Norfolk Assembly Plant
Facility Location:	2424 Ford Drive Norfolk, Virginia 23523
Registration Number:	60268
Permit Number:	TRO-60268

This permit includes the following programs:

Federally Enforceable Requirements - Clean Air Act (Sections I through VIII)
State Only Enforceable Requirements (Section IX)

March 22, 2007
Effective Date

December 27, 2011
Expiration Date

_____
Regional Director

March 22, 2007
Signature Date

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I. Facility Information

Permittee
Ford Motor Company
2424 Ford Drive
Norfolk, Virginia 23523

Responsible Official
Mr. Kevin Gideon
Plant Manager

Facility
Norfolk Assembly Plant
2424 Ford Drive
Norfolk, Virginia 23523

Contact Person
Mr. Gary Davis
Environmental Control Specialist
757-494-2059

County-Plant Identification Number: 51-710-00009

Facility Description: SIC Code; 3711, NAICS 336112 – Assembly of automobiles and light duty trucks. The plant assembles automotive trucks from manufactured parts. The main process steps are body assembly, painting, final assembly and miscellaneous production support. There are no alternative operating scenarios associated with this application. The painting facility was brought on-line during calendar year 1991 and was permitted at that time with a calculated baseline VOC emission level of 1183 tons per year. During the past nine years, some minor changes to the plant were made to improve the quality of the finished product. The permitted emission level for VOC's has increased slightly as production changes are made to adjust the jobs per hour through the plant. As the coating process has been refined over the model years, improved coating materials have allowed for reduced usage per vehicle and higher efficiencies in solids transfer. Through the continued application of sound engineering design changes and new coating technology, Ford has managed to incrementally raise truck production, over the years, without any significant increase in coating throughputs or the resulting VOC emissions.

The Norfolk Assembly Plant is subject to the NSPS, Subpart MM; Standards of Performance for Automobile and Light Truck Coating Operations. The requirements of this New Source Performance Standard targets the VOC content of coatings by class, transfer efficiencies of solids and the destruction efficiency of the control device. Compliance with the NSPS is checked by use of performance tests in the form of equations. Two of the monthly calculations that are required at the plant are (1.) monthly Kg of VOC per liter of applied solids, and (2.) monthly Kg of VOC per liter of applied solids emitted after the incinerator.

The MACT for "Surface Coating of Automobiles and Light-Duty Trucks" has additional requirements for the Ford plant and has a compliance date of April 26, 2007. This NESHAP, which is designated Subpart IIII, offers the affected facility several options to show compliance. It is up to the facility to decide which compliance option is the best fit for them. Because Ford has not selected a compliance option in their permit application, only a future applicable requirement by reference can be inserted in this Title V permit.

The Ford plant has emission units that are uncontrolled with respect to VOC emissions and several previously modified units that are controlled by a 'Carbon wheel' absorber. The Carbon wheel collects and concentrates the organic emissions from several units and allows the capture of VOC's from booths that have low concentrations of solvents. This approach also enables the RTO's to be sized much smaller because the air flow rate from purging the carbon wheels is much less than the typical air flow rate from the controlled booths. Product quality improvement projects over the past fifteen years involved replacement of manual spraying units with robot controlled sprays and bell sprayers. Eliminating the human element from some of the booths allows for adjustment of the required airflow for that booth section, which leads to improved product quality and better capture of emissions. The Title V permit is based on the NSR permit issued February 12, 1999, which incorporated several changes in the coating allocations, process by process, and allowed for a small increase in permitted emissions.

CAM Plan for the Norfolk Assembly Plant – Ford has been unable to demonstrate that the paint spray booths are not subject to CAM. When considering which pollutants could be subject to the CAM Rule, the first step is to determine which pollutants have both emission limits and some form of add-on control equipment to meet the permit limits. VOC is by far the most prominent pollutant that is emitted by this painting facility. In the case of the Norfolk Assembly Plant, the VOC emissions are exempted from CAM by the promulgation of the Coating MACT, Subpart IIII, dated April 26, 2004. The other controlled pollutant with emission limits is particulate. Detailed calculations of PM10 emissions for each booth section are required to demonstrate at what level the uncontrolled emissions reside. At this time, it has not been determined which booth sections, if any have uncontrolled PM10 emissions that are below the major source level for this pollutant. For this reason, a conservative approach to the CAM analysis for the Ford plant requires that CAM be applied to all of the paint booth sections. This approach will ensure that any of the paint booth sections that may have actual or potential major source levels of PM10 emissions will be subject to Compliance Assurance Monitoring. There are no other pollutants at the Ford plant that either have emission limits or have add-on control devices to meet a permit limit or standard. The CAM Plan will be an attachment to the permit application as per the regulations with specific CAM conditions in the body of the permit.

II. Emission Units

Emission Unit ID	Stack ID	Emission Unit Description	Size/Rated Capacity, mmBtu/hr*	Pollution Control Device (PCD) Description	PCD ID	Pollutant Controlled	Applicable NSR Permit Date
Fuel Burning Equipment							
PR1	PR1	Natural gas-fired water heater	29.3	N/A	N/A	N/A	N/A
PR2	PR1	Natural gas-fired water heater	29.3	N/A	N/A	N/A	N/A
EC2	EC2-1, 2, 3	Natural gas-fired oven	28.0	N/A	N/A	N/A	N/A
PS2	PS2	Natural gas-fired oven	24.0	N/A	N/A	N/A	N/A
PS3	PS3	Natural gas-fired air heater	80.0	N/A	N/A	N/A	N/A
PS5	PS5	Natural gas-fired air heater	20.0	N/A	N/A	N/A	N/A
ME2	ME2-1, 2, 3	Natural gas-fired oven	16.0	N/A	N/A	N/A	N/A
ME3	ME3	Natural gas-fired air heater	97.0	N/A	N/A	N/A	N/A
ME5	ME5	Natural gas-fired air heater	18.0	N/A	N/A	N/A	N/A
TT2	TT2-1, 2, 3	Natural gas-fired oven	16.0	N/A	N/A	N/A	N/A
TT3	TT3	Natural gas-fired air heater	54	N/A	N/A	N/A	N/A
RTO1	RTO1-1, 2	Regenerative thermal oxidizer	16.0	Controls VOC's	RTO1	VOC/HAP	2/12/1999
RTO2	RTO2	Regenerative thermal oxidizer	32.0	Controls VOC's	RTO2	VOC/HAP	2/12/1999
Process A – Truck Assembly Operations							
BS1	N/A	Body Shop Sealers	380,000 gals per year	N/A fugitives	N/A	VOC/HAP	2/12/1999
PR1	PR1	Phosphate hot water heater	29.3 mmBtu per hour	N/A	N/A	N/A	N/A
PR2	PR1	Phosphate hot water heater	29.3 mmBtu per hour	N/A	N/A	N/A	N/A
SA1	SA1-1, 2	Sealer application	11,900 gals. per year	N/A	N/A	VOC/HAP	2/12/1999

EC1	EC1-1, 2, 3	E-coat dip tanks	55 vehicles per hour	Water-based coating	ECT	VOC's	2/12/1999
EC2	EC2-1, 2, 3	E-coat oven	55 vehicles per hour	N/A	N/A	N/A	2/12/1999
EC3	EC3	E-coat scuff booth	55 vehicles per hour	Water-based coating	ECSF	Particulate and PM10	2/12/1999
PS1	PS1- 1 to 14	Guidecoat (prime) spray booth; spray application	55 vehicles per hour	Water wall scrubber	PSCRB	Particulate and PM10	2/12/1999
PS1	PS1 - Zone3	Guidecoat (prime) spray booth; spray application	55 vehicles per hour	Carbon wheel and RTO for Zone 3	RTO1	VOC/HAP	2/12/1999
PS2	PS2- 2 to 5	Guidecoat (prime) oven	24 mmBtu per hour	RTO	RTO2	VOC/HAP	2/12/1999
PS3	PS3	Guidecoat (prime) Air supply house	80 mmBtu per hour	Bag filters	ASH-550	PM10	2/12/1999
PS4	PS4	Guidecoat (prime) scuff booth	55 vehicles per hour	Panel filters	PSF	PM/PM10	2/12/1999
PS5	PS5	E-coat/Guidecoat scuff booth Air supply house	20 mmBtu per hour	N/A	N/A	N/A	2/12/1999
ME1	ME1–1 to 22	Topcoat spray booth	55 vehicles per hour	Water wall scrubber and filter house	TCFSH	Particulate and PM10	2/12/1999
ME1	ME1- Zones 3, 4, 5, 8	Topcoat spray booth	55 vehicles per hour	Carbon wheel and RTO for Zones 3, 4, 5 and 8	RTO1	VOC's and HAP's	2/12/1999
ME2	ME2-1, 2, 3	Topcoat oven	16 mmBtu per hour	RTO	RTO2	VOC's and HAP's	2/12/1999
ME3	ME3	Topcoat Air Supply House	97 mmBtu per hour	Bag filters	ASH-554	PM/PM10	2/12/1999
ME4	ME4	Topcoat Touchup/Scuff booth	55 vehicles per hour	Bag filters and panel filters	TCTUF	Particulate and PM10	2/12/1999
ME5	ME5	Topcoat/Tutone Scuff booth Air Supply House	18 mmBtu per hour	Bag filters	ASH-554	Particulate and PM10	2/12/1999
TT1	TT1-1 to	Tutone/Repair spray	55 vehicles per hour	Water wall scrubber	TTSCR	Particulate	2/12/1999

	18	booth			B	and PM10	
TT2	TT2-1, 2, 3	Tutone/Repair oven	16 mmBtu per hour	RTO	RTO2	VOC's and HAP's	2/12/1999
TT3	TT3	Tutone/Repair Air Supply House	54 mmBtu per hour	N/A	N/A	N/A	2/12/1999
TT4	TT4	Tutone/Repair Touchup/Scuff booth	55 vehicles per hour	Panel filters	TTREPF	Particulate and PM10	2/12/1999
WA1	WA1	Windshield installation	55 vehicles per hour	N/A	N/A	N/A	2/12/1999
FR1	FR1-1 to 5	Final Repair booth	3024 gals of coatings per year	No Controls	N/A	N/A	2/12/1999
SV1	N/A	Purge, cleaning and Body Wipe	260,402 gallons of solvents per year	N/A	N/A	VOC's	2/12/1999

*The Size/Rated capacity [and PCD efficiency] is provided for informational purposes only, and is not an applicable requirement.

III. Fuel Burning Equipment Requirements – (emission unit ID# PR1, PR2, EC2, PS2, PS3, PS5, ME2, ME5, TT2, TT3, RTO1 and RTO2)

A. Limitations

1. No owner or other person shall cause or permit to be discharged into the atmosphere from any fuel burning equipment installation any gaseous products of combustion containing particulate emissions in excess of the following limit:

$$E = 1.0906\ H^{-0.2594}$$

Where; E equals the maximum allowable emission ratio, lbs-PM/mmBtu input, and H is equal to the total capacity in millions of Btu per hour for the facility.

(9 VAC 5-80-110 and 9 VAC 5-40-900 A.1.b.)

2. No owner or other person shall cause or permit to be discharged into the atmosphere from any fuel burning equipment installation any sulfur dioxide emissions in excess of the following limits

SO_2 (for natural gas combustion)	0.3 lbs/hour

S = 2.64K, where S equals allowable emissions of SO_2 in units of pounds per hour and K = heat input at total capacity expressed in Btu x 10^6 per hour.
(9 VAC 5-80-110 and 9 VAC 5-40-930)

3. The approved fuel for the fuel burning equipment is natural gas. A change in the fuel may require a permit to modify and operate.
(9 VAC 5-80-110 and 9 VAC 170-160)

4. **Visible Emission Standard** – No owner or other person shall cause or permit to be discharged into the atmosphere from any affected facility any visible emissions which exhibit greater than twenty (20) percent opacity, except for one six-minute period in any one hour of not more than thirty (30) percent opacity. Failure to meet the requirements of this condition because of the presence of water vapor shall not be a violation of this condition. The opacity standard (visible emission standard) shall apply at all times except during periods of startup, shutdown and malfunction.
(9 VAC 5-80-110 and 9 VAC 5-50-80)

B. Monitoring

The permittee shall perform monthly visible emission checks of each combustion unit, under normal operating conditions. If such visual observations indicate any visible emissions, the permittee shall take corrective actions to eliminate the visible emissions. If such corrective action fails to eliminate the visible emissions, the permittee shall conduct a visible emissions evaluation (VEE) using 40 CFR 60, Appendix A, Method 9 for six minutes. If the six-minute VEE opacity average exceeds 20% the VEE shall continue for an additional twelve minutes. If any of the six-minute averages during the 18 minutes exceeds 30%, the VEE shall continue for one hour from the initiation, to determine compliance with the opacity limit. The permittee shall record the details of the visual emissions observations (VEEs) and any corrective action taken in a logbook. The logbook shall be kept on site and available for inspection by the DEQ for the most recent five-year period.
(9 VAC 5-80-110)

C. Recordkeeping

1. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

   a. Records of visible emission checks and Method 9 visible emissions evaluations conducted and any corrective actions taken.

   These records shall be available on site for inspection by the DEQ and shall be current for the most recent five (5) years.
   (9 VAC 5-50-50 and 9 VAC 5-80-110)

D. Testing

1. The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request from the Department, test ports shall be provided at the appropriate locations.
   (9 VAC 5-40-30 or 9 VAC 5-50-30 and 9 VAC 5-80-110)

2. If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate methods in accordance with procedures approved by the DEQ.
   (9 VAC 5-80-110)

IV. Process Equipment Requirements – (emission unit ID# BS1, PR1, PR2, SA1, EC1, EC2, EC3, PS1, PS2, PS3, PS4, PS5, ME1, ME2, ME3, ME4, ME5, TT1, TT2, TT3, TT4, WA1, FR1 and SV1)

A. Limitations

1. Particulate emissions from all applicator sections of the Prime, Main Enamel and Tutone Repair paint spray booths shall be controlled by water wash scrubbers. Additional control of particulate emissions shall be provided by fabric filters on Prime Bell (PS3), Main Enamel Basecoat Bell (ME3), Reciprocator (ME4), Robot (ME5) and Clearcoat Bell (ME8) applicator sections of the paint spray booths. The scrubbers and filters shall be provided with adequate access for inspection.
(9 VAC 5-80-110 and Condition 3 of 2/12/1999 NSR Permit)

2. Panel filters shall control particulate emissions from the four (4) scuff booths. The filters shall be provided with adequate access for inspection.
(9 VAC 5-80-110 and Condition 4 of 2/12/1999 NSR Permit)

3. Volatile Organic Compound emissions from the Prime Bell (PS3), Main Enamel Basecoat Bell (ME3), Reciprocator (ME4), Robot (ME5), and Clearcoat Bell (ME8) applicator sections of the paint spray booths shall be concentrated with carbon wheels and controlled by regenerative thermal oxidizers. The oxidizers shall be provided with adequate access for inspection.
(9 VAC 5-80-110 and Condition 5 of 2/12/1999 NSR Permit)

4. Volatile Organic Compound emissions from the use of cleaning solvents will be controlled by the following work practices:

    a. Applicator cleaning – Coating applicators removed from the booths shall be placed in a closed container with agitated solvent. The applicators are cleaned and the spent solvent reclaimed. Paint hoses shall be disconnected from the booth walls and soaked in solvent. The hose shall then be hand wiped and reinstalled.

    b. Booth cleaning – A soap-like coating shall be applied to both the clean walls and baffles to ease the overspray clean-up. The coating now containing overspray paint shall be removed by washing with water. Grease may be applied to the baffles to assist in removing paint.

    c. General Paint Area Cleaning – Ford shall minimize the amount of solvent used to clean-up overspray paint tracked outside the spray booths and paint drips in the paint mix areas through such methods as using solvent soaked rags to wipe up drips rather than a mop and bucket and using replaceable floor coverings.

    Ford may use alternative practices other than those listed above provided these practices result in an equivalent conservation of solvent. The most current practices shall be kept on site and made available for inspection by the DEQ.
    (9 VAC 5-80-110 and Condition 6 of 2/12/1999 NSR Permit)

5. Emissions from the Primecoat (E-coat) operation shall not exceed the limits specified below:

Volatile Organic Compounds	24.4 lbs/hour	53.8 tons/yr
	1.2 lbs/gallon of coating	
	0.16 kg/liter of applied coating solids, (or)	
	(1.34 lbs/gallon of applied coating solids)	

(9 VAC 5-80-110, Condition 7 of 2/12/1999 NSR Permit and NSPS Subpart MM at 40 CFR 60.392(a)(i))

6. Emissions from the Guidecoat (antichip + primer) operation shall not exceed the limits specified below:

Volatile Organic Compounds	62.7 lbs/hour	138.5 tons/yr
	1.40 kg/liter of applied coating solids, (or)	
	(11.68 lbs/gallon of applied coating solids)	

(9 VAC 5-80-110, Condition 8 of 2/12/1999 NSR Permit and NSPS Subpart MM at 40 CFR 60.392(b))

7. Emissions from the Topcoat (basecoat + clearcoat + solid enamel) operation shall not exceed the limits specified below:

Volatile Organic Compounds	916.3 lbs/hour	877.9 tons/yr
	1.47 kg/liter of applied coating solids, (or)	
	(12.27 lbs/gallon of applied coating solids)	

(9 VAC 5-80-110, Condition 9 of 2/12/1999 NSR Permit and NSPS Subpart MM at 40 CFR 60.392(c))

8. Emissions from the Sealer operation shall not exceed the limits specified below:

Volatile Organic Compounds	2.4 lbs/hour	2.0 tons/yr

(9 VAC 5-80-110 and Condition 10 of 2/12/1999 NSR Permit)

9. Emissions from the Final Repair operation shall not exceed the limits specified below:

Volatile Organic Compounds	6.7 lbs/hour	6.4 tons/yr
	4.8 lbs/gallon of coating	

(9 VAC 5-80-110 and Condition 11 of 2/12/1999 NSR Permit)

10. Emissions from the Purge/Cleaning Solvent operation shall not exceed the limits specified below:

Volatile Organic Compounds	152.6 lbs/hour	180.5 tons/yr

(9 VAC 5-80-110 and Condition 12 of 2/12/1999 NSR Permit)

11. Emissions from the operation of the Ford Plant shall not exceed the limitations specified below:

Total Suspended Particulate	10.8 lbs/hour	26.6 tons/year
PM-10	10.8 lbs/hour	26.6 tons/year
Volatile Organic Compounds	1165.1 lbs/hour	1259.1 tons/year

Ford will submit MSDS sheets for new coatings, as they occur, on an annual basis.
(9 VAC 5-80-110 and Condition 13 of 2/12/1999 NSR Permit)

12. Volatile Organic Compound emissions in tons per year shall be calculated monthly as the sum of each consecutive 12 month period for the E-coat, Guidecoat, Topcoat, Sealer, Final Repair and Purge/Cleaning operations.
(9 VAC 5-80-110 and Condition 14 of 2/12/1999 NSR Permit)

13. Visible emissions from the panel filters and scrubber systems shall not exceed five (5) percent opacity except during one six-minute period in any one hour in which visible emissions shall not exceed ten (10) percent opacity as determined by EPA Method 9 (reference 40 CFR 60, Appendix A).
(9 VAC 5-80-110 and Condition 15 of 2/12/1999 NSR Permit)

14. For each coating operation, Ford shall perform the following calculation each month as a performance test in accordance with NSPS Subpart MM 60.393 (c)(1)(i). Results of calculations may be reported in English or Metric Units.

G = M/(L x TE)

(where G equals monthly kg VOC/liter applied solids)
M = kg VOC used each calendar month
L = liters of solids used each calendar month
TE = transfer efficiency

(9 VAC 5-80-110 and Condition 16 of 2/12/1999 NSR Permit)

15. For each coating operation controlled by an incinerator, Ford shall perform the above calculation and the following calculation each month as a performance test in accordance with NSPS Subpart MM 60.393 (c)(2)(ii). Results of calculations may be reported in English or Metric Units: **N = G (1-FE)**

(where N equals monthly kg VOC/liter applied solids emitted after incinerator)
G = monthly kg VOC/liter applied solids
F = capture fraction entering the incinerator
E = destruction efficiency of the incinerator

In subsequent months, as more recent values are recorded, Ford shall use the most recently determined values for E and F.
(9 VAC 5-80-110 and Condition 17 of 2/12/1999 NSR Permit)

16. In accordance with NSPS Subpart MM 60.394, for each incinerator, Ford shall install, calibrate, maintain and operate temperature measurement devices in the firebox according to accepted practices and the manufacturer's specifications. The devices shall have an accuracy of the greater of +/- 0.75 % of the temperature being measured in degrees centigrade +/- 2.5 degrees centigrade and shall be equipped with a recording device producing a permanent record.

    (9 VAC 5-80-110 and Condition 19 of 2/12/1999 NSR Permit)

B. Monitoring and Recordkeeping

1. The permittee shall retain records of all emission data and operating parameters necessary to show compliance with the terms of this permit. In accordance with the "Protocol for Determining the Daily Volatile Organic Compound Emission Rate of Automobile and Light-Duty Truck Topcoat Operations", December 1988, the permittee shall retain records to demonstrate compliance with the content limit of volatile organic compounds for Conditions 5, 6, 7 and 9 of the NSR permit issued February 12, 1999. These records shall be maintained by the source for the most recent five (5) year period.

    (9 VAC 5-80-110 and Condition 21 of 2/12/1999 NSR Permit)

2. The permittee shall maintain records of all emission data and operating parameters necessary to demonstrate compliance with this permit. The content of and format of such records shall be arranged with the Director, Tidewater Regional Office. These records shall include, but are not limited to:

    a. Periodic materials throughputs, nominally on a monthly basis, to determine the hourly and annual emissions from the Primecoat (E-coat) unit.

    b. Periodic materials throughputs, nominally on a monthly basis, to determine the hourly and annual emissions from the Guidecoat (antichip + primer) unit.

    c. Periodic materials throughputs, nominally on a monthly basis, to determine the hourly and annual emissions from the Topcoat (basecoat + clearcoat + solid enamel) unit.

    d. Periodic materials throughputs, nominally on a monthly basis, to determine the hourly and annual emissions from the Sealer operation.

    e. Periodic materials throughputs, nominally on a monthly basis, to determine the hourly and annual emissions from the Final Repair operation, and

    f. Periodic materials throughputs, nominally on a monthly basis, to determine the hourly and annual emissions from the Purge/Cleaning Solvent operation.

    g. Cumulative materials throughputs, nominally on a monthly basis.

    These records shall be maintained by the source for the most recent five year period.
    (9 VAC 5-80-110 and Condition 22 of 2/12/1999 NSR Permit)

3. **Compliance Assurance Monitoring** - The permittee shall conduct monitoring as specified in the Compliance Assurance Monitoring (CAM) Plan. This condition is applicable to Emission Units; Prime Spray Booth (limited to Colored Prime Robots, Base Prime Robots and Base in Prime Manual Sections); Main Enamel Spray Booth (limited to Basecoat Manual, Clearcoat Robots – Box, and Clearcoat Manual Sections); Tutone (All Sections).

   (9 VAC 5-80-110 and 40 CFR 64.6 (c))

4. **Quality Improvement Plan** - The permittee shall develop a Quality Improvement Plan (QIP), according to 40 CFR 64.8 if more than five excursions from the indicator ranges specified in the Compliance Assurance Monitoring (CAM) Plan occur within any consecutive six-month period. An excursion shall be defined as any water-wall scrubber performance readings outside of the prescribed range. Semi-annual reporting periods are as indicated by reporting requirements in condition VII.C.3.

   (9 VAC 5-80-110 and 40 CFR 64.8)

5. **Recordkeeping for CAM** - The permittee shall keep records documenting the monitoring specified in the Compliance Assurance Monitoring (CAM) Plan:

   a. The date and time of observations and the name of the observer.

   b. The number of excursions in each semi-annual reporting period.

   c. Corrective actions taken in response to excursions; and

   d. If applicable, any written QIP required by Condition IV.B.4 and 40 CFR 64.8 and any activities undertaken to implement a QIP.

   These records shall be available for inspection by the DEQ and shall be current for the most recent five-year period.
   (9 VAC 5-80-110 and 40 CFR 64.9 (b)(1) & (2))

C. Testing

1. The permitted facility shall be constructed so as to allow for emissions testing at any time using appropriate methods. Upon request from the Department, test ports shall be provided at the appropriate locations.
   (9 VAC 5-50-30 and 9 VAC 5-80-110)

2. If testing is conducted in addition to the monitoring specified in this permit, the permittee shall use the appropriate methods in accordance with procedures approved by the DEQ.

   (9 VAC 5-80-110)

D. Reporting

1. In accordance with 40 CFR 60.7 and NSPS Subpart MM 60.395 (b), Ford shall submit written quarterly reports describing each violation of the following limits:

   a. The volume weighted monthly average of the total mass of Volatile Organic Compounds (VOC's) emitted to the atmosphere per volume of applied coating solids for prime coat operations.

   b. The volume weighted monthly average of the total mass of Volatile Organic Compounds (VOC's) emitted to the atmosphere per volume of applied coating solids for the guidecoat operations, and

   c. The volume weighted monthly average of the total mass of Volatile Organic Compounds (VOC's) emitted to the atmosphere per volume of applied coating solids for topcoat operations.

   If no such instances occur during the calendar quarter, a negative report shall be submitted quarterly. Reports shall be submitted to the Tidewater Regional Office and be postmarked no later than the 30th day following the end of each calendar quarter.
   (9 VAC 5-80-110 and Condition 18 of 2/12/1999 NSR Permit)

2. In accordance with 40 CFR 60.7 and NSPS Subpart MM 60.395 (c), Ford shall continuously record the incinerator (RTO) combustion temperature during coating operations and submit written, quarterly reports, describing each temperature excursion. An excursion is defined as a 3-hours period in which the average temperature is more than 28 °C (52.2 °F) less than the average temperature during the most recent control device performance test at which the destruction efficiency was determined. This 3-hour period is defined as a block of time commencing at midnight and restarting 3 hours later during periods of operations (for example, 12 am – 3 am, 3 am – 6am, etc.). If no excursions occur in a calendar quarter, a negative report shall be submitted. Reports shall be submitted to the Tidewater Regional Office and be postmarked no later than the 30th day following the end of each calendar quarter reporting period.

   (9 VAC 5-80-110 and Condition 20 of 2/12/1999 NSR Permit)

3. If, for any reason, the permitted facility or related air pollution control equipment fails or malfunctions and may cause excess emissions for more than one hour, the owner shall notify the Director, Tidewater Regional Office within four business hours of the occurrence. In addition, the owner shall provide a written statement, within fourteen days, explaining the problem, corrective action taken and the estimated duration of the breakdown/ shut down.

   (9 VAC 5-80-110 and Condition 25 of 2/12/1999 NSR Permit)

4. **Reporting for CAM** – The permittee shall submit written reports containing the following information pertaining to the CAM Plan for the emission units cited in Condition IV.B.3, to the Director, Tidewater Regional Office no later than March 1 and September 1 of each calendar year. This report must be signed by a responsible official, consistent with 9 VAC 5-80-80 B, and shall include:

   a. Summary information on the number duration and cause (including unknown cause, if applicable) of excursions and the corrective action taken;

   b. A description of the actions taken to implement a QIP during the reporting period as specified at 40 CFR 64.8. Upon implementation of a QIP, the permittee shall include in the next summary report documentation that the plan has been completed and the reduced likelihood of similar levels of excursions.

   The information listed above may be included in the reports required by Condition VII.C.3. (9 VAC 5-80-110 and 40 CFR 64.9 (a)(2))

V. Insignificant Emission Units

The following emission units at the facility are identified in the application as insignificant emission units under 9 VAC 5-80-720:

Emission Unit No.	Emission Unit Description	Citation	Pollutant(s) Emitted (9 VAC 5-80-720 B)	Rated Capacity (9 VAC 5-80-720 C)
I-SH1	Building space heaters, natural gas emissions	9 VAC 5-80-720C	NO_x , CO, SO_2 ,VOC, PM10, TSP, HAP's	Less than 10 mmBtu per hour
I-SO1	Sealer oven, natural gas emissions	9 VAC 5-80-720C	NO_x , CO, SO_2 ,VOC, PM10, TSP, HAP's	6.0 mmBtu per hour
I-HW1	Paint shop water heaters	9 VAC 5-80-720C	NO_x , CO, SO_2 ,VOC, PM10, TSP, HAP's	Less than 10 mmBtu per hour
I-AB1	Abatement boiler	9 VAC 5-80-720C	NO_x , CO, SO_2 ,VOC, PM10, TSP, HAP's	8.4 mmBtu per hour
I-AC1	Air conditioning fill	9 VAC 5-80-720B	N/A	N/A
I-KS1	Kolene skid treatment, paint removal system	9 VAC 5-80-720B	VOC, TSP, PM10	N/A
I-SG1	Body shop sanding and grinding	9 VAC 5-80-720B	TSP, PM10, HAP's	N/A
I-OT1	Engine oil top-off	9 VAC 5-80-720B	VOC	N/A
I-PD1	Phosphate dip/rinse	9 VAC 5-80-720B	VOC, TSP, PM10	N/A
I-BF1	Brake fluid fill	9 VAC 5-80-720B	VOC	N/A
I-PS1	Power steering fluid fill	9 VAC 5-80-720B	VOC	N/A
I-CL1	Chassis line lubricants	9 VAC 5-80-720B	VOC	N/A
I-CF1	Coolant fill	9 VAC 5-80-720B	VOC, HAP's	N/A
I-SR1	Spot repair area	9 VAC 5-80-720B	VOC, HAP's, PM10, TSP	N/A
I-CC1	Cold cleaners	9 VAC 5-80-720B	VOC	N/A
I-TF1	Transmission fluid fill	9 VAC 5-80-720B	VOC	N/A
I-EL1	Engine line lubricants	9 VAC 5-80-720B	VOC	N/A
I-WF1	Washer fluid fill	9 VAC 5-80-720B	VOC, HAP's	N/A

I-GF1	Gasoline fill	9 VAC 5-80-720B	VOC, HAP's	N/A
I-BT1	Brake fluid storage tank	9 VAC 5-80-720B	VOC	N/A
I-AT1	Antifreeze tank	9 VAC 5-80-720B	VOC, HAP's	N/A
I-AT2	50% antifreeze tank	9 VAC 5-80-720B	VOC, HAP's	N/A
I-PT1	Power steering fluid Tank#1	9 VAC 5-80-720B	VOC	N/A
I-PT2	Power steering fluid Tank#2	9 VAC 5-80-720B	VOC	N/A
I-ER1	E-coat resin, Tank #1	9 VAC 5-80-720B	VOC, HAP's	N/A
I-ER2	E-coat resin, Tank #2	9 VAC 5-80-720B	VOC, HAP's	N/A
I-CT1	50% caustic, Tank #1	9 VAC 5-80-720B	No regulated pollutant	N/A
I-CT2	50% caustic, Tank #2	9 VAC 5-80-720B	No regulated pollutant	N/A
I-KT1	Koliquid No. 5 tank	9 VAC 5-80-720B	Negligible	N/A
I-RT1	134a tank	9 VAC 5-80-720B	None	N/A
I-FC1	Dilute poly-aluminum chloride tank	9 VAC 5-80-720B	Negligible	N/A
I-SA1	Sulfuric acid Tank #1	9 VAC 5-80-720B	Negligible	N/A
I-SA2	Sulfuric acid Tank #2	9 VAC 5-80-720B	Negligible	N/A
I-ET1	E-coat transfer Tank #1	9 VAC 5-80-720B	VOC, HAP's	N/A
I-ET2	E-coat transfer Tank #2	9 VAC 5-80-720B	VOC, HAP's	N/A
I-ET3	E-coat transfer Tank #3	9 VAC 5-80-720B	VOC, HAP's	N/A
I-PT1	Propane tank	9 VAC 5-80-720B	VOC	N/A
I-MT1	Methanol storage tank	9 VAC 5-80-720B	VOC, HAP's	N/A
I-SS1	Spent solvent tank	9 VAC 5-80-720B	VOC, HAP's	N/A
I-SP1	Spent purge tank	9 VAC 5-80-720B	VOC, HAP's	N/A
I-TH1	Paint thinner, Tank #1	9 VAC 5-80-720B	VOC, HAP's	N/A
I-TH2	Paint thinner, Tank #2	9 VAC 5-80-720B	VOC, HAP's	N/A
I-FP1	Fire Pump #1	9 VAC 5-80-720C	NO_x , CO, SO_2 ,VOC, PM10, TSP, HAP's	N/A
I-FP2	Fire Pump #2	9 VAC 5-80-720C	NO_x , CO, SO_2 ,VOC, PM10, TSP, HAP's	N/A
I-FP3	Fire Pump #3	9 VAC 5-80-720C	NO_x , CO, SO_2 ,VOC, PM10, TSP, HAP's	N/A
I-MW1	Maintenance welding	9 VAC 5-80-720B	TSP, PM10, HAP's	N/A
I-CW1	Cavity wax application	9 VAC 5-80-720B	VOC	N/A
I-WW1	Wastewater treatment	9 VAC 5-80-720B	VOC	N/A
I-GT1	Gasoline storage Tank #1	9 VAC 5-80-720B	VOC, HAP's	N/A
I-GT2	Gasoline storage Tank #2	9 VAC 5-80-720B	VOC, HAP's	N/A
I-DT1	Diesel storage Tank #1	9 VAC 5-80-720B	VOC, HAP's	N/A
I-DT2	Transmission oil storage Tank #2	9 VAC 5-80-720B	VOC, HAP's	N/A

These emission units are presumed to be in compliance with all requirements of the federal Clean Air Act as may apply. Based on this presumption, no monitoring, recordkeeping, or reporting shall be required for these emission units in accordance with 9 VAC 5-80-110.

VI. Permit Shield & Inapplicable Requirements

Compliance with the provisions of this permit shall be deemed compliance with all applicable requirements in effect as of the permit issuance date as identified in this permit. This permit shield covers only those applicable requirements covered by terms and conditions in this permit and the following requirements which have been specifically identified as being not applicable to this permitted facility:

Citation	Title of Citation	Description of Applicability
None		

Nothing in this permit shield shall alter the provisions of §303 of the federal Clean Air Act, including the authority of the administrator under that section, the liability of the owner for any violation of applicable requirements prior to or at the time of permit issuance, or the ability to obtain information by the administrator pursuant to §114 of the federal Clean Air Act, (ii) the Board pursuant to §10.1-1314 or §10.1-1315 of the Virginia Air Pollution Control Law or (iii) the Department pursuant to §10.1-1307.3 of the Virginia Air Pollution Control Law.
(9 VAC 5-80-140)

VII. General Conditions

A. Federal Enforceability

All terms and conditions in this permit are enforceable by the administrator and citizens under the federal Clean Air Act, except those that have been designated as only state-enforceable.
(9 VAC 5-80-110 N)

B. Permit Expiration

This permit has a fixed term of five years. The expiration date shall be the date five years from the date of issuance. Unless the owner submits a timely and complete application for renewal to the Department consistent with the requirements of 9 VAC 5-80-80, the right of the facility to operate shall be terminated upon permit expiration.

1. The owner shall submit an application for renewal at least six months but no earlier than eighteen months prior to the date of permit expiration.

2. If an applicant submits a timely and complete application for an initial permit or renewal under this section, the failure of the source to have a permit or the operation of the source without a permit shall not be a violation of Article 1, Part II of 9 VAC 5 Chapter 80, until the Board takes final action on the application under 9 VAC 5-80-150.

3. No source shall operate after the time that it is required to submit a timely and complete application under subsections C and D of 9 VAC 5-80-80 for a renewal permit, except in compliance with a permit issued under Article 1, Part II of 9 VAC 5 Chapter 80.

4. If an applicant submits a timely and complete application under section 9 VAC 5-80-80 for a permit renewal but the Board fails to issue or deny the renewal permit before the end of the term of the previous permit, (i) the previous permit shall not expire until the renewal permit has been issued or denied and (ii) all the terms and conditions of the previous permit, including any permit shield granted pursuant to 9 VAC 5-80-140, shall remain in effect from the date the application is determined to be complete until the renewal permit is issued or denied.

5. The protection under subsections F 1 and F 5 (ii) of section 9 VAC 5-80-80 F shall cease to apply if, subsequent to the completeness determination made pursuant section 9 VAC 5-80-80 D, the applicant fails to submit by the deadline specified in writing by the Board any additional information identified as being needed to process the application.

(9 VAC 5-80-80 B, C and F, 9 VAC 5-80-110 D and 9 VAC 5-80-170 B)

C. Recordkeeping and Reporting

1. All records of monitoring information maintained to demonstrate compliance with the terms and conditions of this permit shall contain, where applicable, the following:

   a. The date, place as defined in the permit, and time of sampling or measurements.

   b. The date(s) analyses were performed.

   c. The company or entity that performed the analyses.

   d. The analytical techniques or methods used.

   e. The results of such analyses.

   f. The operating conditions existing at the time of sampling or measurement.

   (9 VAC 5-80-110 F)

2. Records of all monitoring data and support information shall be retained for at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by the permit.
   (9 VAC 5-80-110 F)

3. The permittee shall submit the results of monitoring contained in any applicable requirement to DEQ no later than **March 1** and **September 1** of each calendar year. This report must be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:

   a. The time period included in the report. The time periods to be addressed are January 1 to June 30 and July 1 to December 31.

b. All deviations from permit requirements. For purposes of this permit, deviations include, but are not limited to:

(1) Exceedance of emissions limitations or operational restrictions;

(2) Excursions from control device operating parameter requirements, as documented by continuous emission monitoring, periodic monitoring, or compliance assurance monitoring which indicates an exceedance of emission limitations or operational restrictions; or,

(3) Failure to meet monitoring, recordkeeping, or reporting requirements contained in this permit.

c. If there were no deviations from permit conditions during the time period, the permittee shall include a statement in the report that "no deviations from permit requirements occurred during this semi-annual reporting period."

(9 VAC 5-80-110 F)

D. Annual Compliance Certification

Exclusive of any reporting required to assure compliance with the terms and conditions of this permit or as part of a schedule of compliance contained in this permit, the permittee shall submit to EPA and DEQ no later than March 1 each calendar year a certification of compliance with all terms and conditions of this permit including emission limitation standards or work practices. The compliance certification shall comply with such additional requirements that may be specified pursuant to §114(a)(3) and §504(b) of the federal Clean Air Act. This certification shall be signed by a responsible official, consistent with 9 VAC 5-80-80 G, and shall include:

1. The time period included in the certification. The time period to be addressed is January 1 to December 31.

2. The identification of each term or condition of the permit that is the basis of the certification.

3. The compliance status.

4. Whether compliance was continuous or intermittent, and if not continuous, documentation of each incident of non-compliance.

5. Consistent with subsection 9 VAC 5-80-110 E, the method or methods used for determining the compliance status of the source at the time of certification and over the reporting period.

6. Such other facts as the permit may require to determine the compliance status of the source.

7. One copy of the annual compliance certification shall be sent to EPA at the following address:

   Clean Air Act Title V Compliance Certification (3AP00)
   U. S. Environmental Protection Agency, Region III
   1650 Arch Street
   Philadelphia, PA 19103-2029.

(9 VAC 5-80-110 K.5)

E. Permit Deviation Reporting

The permittee shall notify the Director, Tidewater Regional Office within four daytime business hours after discovery of any deviations from permit requirements which may cause excess emissions for more than one hour, including those attributable to upset conditions as may be defined in this permit. In addition, within 14 days of the discovery, the permittee shall provide a written statement explaining the problem, any corrective actions or preventative measures taken, and the estimated duration of the permit deviation. The occurrence should also be reported in the next semi-annual compliance monitoring report pursuant to General Condition VII.C.3. of this permit.
(9 VAC 5-80-110 F.2 and 9 VAC 5-80-250)

F. Failure/Malfunction Reporting

In the event that any affected facility or related air pollution control equipment fails or malfunctions in such a manner that may cause excess emissions for more than one hour, the owner shall, as soon as practicable but no later than four daytime business hours after the malfunction is discovered, notify the Director, Tidewater Regional Office by facsimile transmission, telephone or telegraph of such failure or malfunction and shall within 14 days of discovery provide a written statement giving all pertinent facts, including the estimated duration of the breakdown. Owners subject to the requirements of 9 VAC 5-40-50 C and 9 VAC 5-50-50 C are not required to provide the written statement prescribed in this paragraph for facilities subject to the monitoring requirements of 9 VAC 5-40-40 and 9 VAC 5-50-40. When the condition causing the failure or malfunction has been corrected and the equipment is again in operation, the owner shall notify the Director, Tidewater Regional Office.
(9 VAC 5-20-180 C)

G. Severability

The terms of this permit are severable. If any condition, requirement or portion of the permit is held invalid or inapplicable under any circumstance, such invalidity or inapplicability shall not affect or impair the remaining conditions, requirements, or portions of the permit.
(9 VAC 5-80-110 G.1)

H. Duty to Comply

The permittee shall comply with all terms and conditions of this permit. Any permit noncompliance constitutes a violation of the federal Clean Air Act or the Virginia Air Pollution Control Law or both and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or, for denial of a permit renewal application.
(9 VAC 5-80-110 G.2)

I. Need to Halt or Reduce Activity not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit.
(9 VAC 5-80-110 G.3)

J. Permit Modification

A physical change in, or change in the method of operation of, this stationary source may be subject to permitting under State Regulations 9 VAC 5-80-50, 9 VAC 5-80-1100, 9 VAC 5-80-1790, or 9 VAC 5-80-2000 and may require a permit modification and/or revisions except as may be authorized in any approved alternative operating scenarios.
(9 VAC 5-80-190 and 9 VAC 5-80-260)

K. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege.
(9 VAC 5-80-110 G.5)

L. Duty to Submit Information

1. The permittee shall furnish to the Board, within a reasonable time, any information that the Board may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the Board copies of records required to be kept by the permit and, for information claimed to be confidential, the permittee shall furnish such records to the Board along with a claim of confidentiality.
   (9 VAC 5-80-110 G.6)

2. Any document (including reports) required in a permit condition to be submitted to the Board shall contain a certification by a responsible official that meets the requirements of 9 VAC 5-80-80 G.
   (9 VAC 5-80-110 K.1)

M. Duty to Pay Permit Fees

The owner of any source for which a permit under 9 VAC 5-80-50 through 9 VAC 5-80-300 was issued shall pay permit fees consistent with the requirements of 9 VAC 5-80-310 through 9 VAC 5-80-350. The actual emissions covered by the permit program fees for the preceding year shall be calculated by the owner and submitted to the Department by April 15 of each year. The calculations and final amount of emissions are subject to verification and final determination by the Department.
(9 VAC 5-80-110 H and 9 VAC 5-80-340 C)

N. Fugitive Dust Emission Standards

During the operation of a stationary source or any other building, structure, facility, or installation, no owner or other person shall cause or permit any materials or property to be handled, transported, stored, used, constructed, altered, repaired, or demolished without taking reasonable precautions to prevent particulate matter from becoming airborne. Such reasonable precautions may include, but are not limited to, the following:

1. Use, where possible, of water or chemicals for control of dust in the demolition of existing buildings or structures, construction operations, the grading of roads, or the clearing of land;

2. Application of asphalt, water, or suitable chemicals on dirt roads, materials stockpiles, and other surfaces which may create airborne dust; the paving of roadways and the maintaining of them in a clean condition;

3. Installation and use of hoods, fans, and fabric filters to enclose and vent the handling of dusty material. Adequate containment methods shall be employed during sandblasting or other similar operations;

4. Open equipment for conveying or transporting material likely to create objectionable air pollution when airborne shall be covered or treated in an equally effective manner at all times when in motion; and,

5. The prompt removal of spilled or tracked dirt or other materials from paved streets and of dried sediments resulting from soil erosion.

(9 VAC 5-40-90 and 9 VAC 5-50-90)

O. Startup, Shutdown, and Malfunction

At all times, including periods of startup, shutdown, soot blowing, and malfunction, owners shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with air pollution control practices for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the Board, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source.
(9 VAC 5-50-20 E)

P. Alternative Operating Scenarios

Contemporaneously with making a change between reasonably anticipated operating scenarios identified in this permit, the permittee shall record in a log at the permitted facility a record of the scenario under which it is operating. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions under each such operating scenario. The terms and conditions of each such alternative scenario shall meet all applicable requirements including the requirements of 9 VAC 5 Chapter 80, Article 1.
(9 VAC 5-80-110 J)

Q. Inspection and Entry Requirements

The permittee shall allow DEQ, upon presentation of credentials and other documents as may be required by law, to perform the following:

1. Enter upon the premises where the source is located or emissions-related activity is conducted, or where records must be kept under the terms and conditions of the permit.

2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of the permit.

3. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit.

4. Sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements.

(9 VAC 5-80-110 K.2)

R. Reopening For Cause

The permit shall be reopened by the Board if additional federal requirements become applicable to a major source with a remaining permit term of three years or more. Such reopening shall be completed no later than 18 months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to 9 VAC 5-80-80 F.

1. The permit shall be reopened if the Board or the administrator determines that the permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the permit.

2. The permit shall be reopened if the administrator or the Board determines that the permit must be revised or revoked to assure compliance with the applicable requirements.

3. The permit shall not be reopened by the Board if additional applicable state requirements become applicable to a major source prior to the expiration date established under 9 VAC 5-80-110 D.

(9 VAC 5-80-110 L)

S. Permit Availability

Within five days after receipt of the issued permit, the permittee shall maintain the permit on the premises for which the permit has been issued and shall make the permit immediately available to DEQ upon request.
(9 VAC 5-80-150 E)

T. Transfer of Permits

1. No person shall transfer a permit from one location to another, unless authorized under 9 VAC 5-80-130, or from one piece of equipment to another.
(9 VAC 5-80-160)

2. In the case of a transfer of ownership of a stationary source, the new owner shall comply with any current permit issued to the previous owner. The new owner shall notify the Board of the change in ownership within 30 days of the transfer and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)

3. In the case of a name change of a stationary source, the owner shall comply with any current permit issued under the previous source name. The owner shall notify the Board of the change in source name within 30 days of the name change and shall comply with the requirements of 9 VAC 5-80-200.
(9 VAC 5-80-160)

U. Malfunction as an Affirmative Defense

1. A malfunction constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the requirements of paragraph 2 of this condition are met.

2. The affirmative defense of malfunction shall be demonstrated by the permittee through properly signed, contemporaneous operating logs, or other relevant evidence that show the following:

   a. A malfunction occurred and the permittee can identify the cause or causes of the malfunction.

   b. The permitted facility was at the time being properly operated.

   c. During the period of the malfunction the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements in the permit.

   d. The permittee notified the board of the malfunction within two working days following the time when the emission limitations were exceeded due to the malfunction. This notification shall include a description of the malfunction, any steps taken to mitigate emissions, and corrective actions taken. The notification may be delivered either orally or in writing. The notification may be delivered by electronic mail, facsimile transmission, telephone, or any other method that allows the permittee to comply with the deadline. This notification fulfills the requirements of 9 VAC 5-80-110 F 2 b to report promptly deviations from permit requirements. This notification does not release the permittee from the malfunction reporting requirement under 9 VAC 5-20-180 C.

   e. In any enforcement proceeding, the permittee seeking to establish the occurrence of a malfunction shall have the burden of proof.

f. The provisions of this section are in addition to any malfunction, emergency or upset provision contained in any applicable requirement.

(9 VAC 5-80-250)

V. Permit Revocation or Termination for Cause

A permit may be revoked or terminated prior to its expiration date if the owner knowingly makes material misstatements in the permit application or any amendments thereto or if the permittee violates, fails, neglects or refuses to comply with the terms or conditions of the permit, any applicable requirements, or the applicable provisions of 9 VAC 5 Chapter 80 Article 1. The Board may suspend, under such conditions and for such period of time as the Board may prescribe any permit for any of the grounds for revocation or termination or for any other violations of these regulations.
(9 VAC 5-80-190 C and 9 VAC 5-80-260)

W. Duty to Supplement or Correct Application

Any applicant who fails to submit any relevant facts or who has submitted incorrect information in a permit application shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary facts or corrections. An applicant shall also provide additional information as necessary to address any requirements that become applicable to the source after the date a complete application was filed but prior to release of a draft permit.
(9 VAC 5-80-80 E)

X. Stratospheric Ozone Protection

If the permittee handles or emits one or more Class I or II substances subject to a standard promulgated under or established by Title VI (Stratospheric Ozone Protection) of the federal Clean Air Act, the permittee shall comply with all applicable sections of 40 CFR Part 82, Subparts A to F.
(40 CFR Part 82, Subparts A-F)

Y. Asbestos Requirements

The permittee shall comply with the requirements of National Emissions Standards for Hazardous Air Pollutants (40 CFR 61) Subpart M, National Emission Standards for Asbestos as it applies to the following: Standards for Demolition and Renovation (40 CFR 61.145), Standards for Insulating Materials (40 CFR 61.148), and Standards for Waste Disposal (40 CFR 61.150).
(9 VAC 5-60-70 and 9 VAC 5-80-110 A.1)

Z. Accidental Release Prevention

If the permittee has more, or will have more than a threshold quantity of a regulated substance in a process, as determined by 40 CFR 68.115, the permittee shall comply with the requirements of 40 CFR Part 68.
(40 CFR Part 68)

AA. Changes to Permits for Emissions Trading

No permit revision shall be required under any federally approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.
(9 VAC 5-80-110 I)

BB. Emissions Trading

Where the trading of emissions increases and decreases within the permitted facility is to occur within the context of this permit and to the extent that the regulations provide for trading such increases and decreases without a case-by-case approval of each emissions trade:

1. All terms and conditions required under 9 VAC 5-80-110, except subsection N, shall be included to determine compliance.

2. The permit shield described in 9 VAC 5-80-140 shall extend to all terms and conditions that allow such increases and decreases in emissions.

3. The owner shall meet all applicable requirements including the requirements of 9 VAC 5-80-50 through 9 VAC 5-80-300.

(9 VAC 5-80-110 I)

VIII. Future Applicable Requirements

Requirements by Reference – The Norfolk Assembly Plant of the Ford Motor Company is considered an existing affected source with respect to the NESHAP, Part 63, Subpart IIII. This regulation imposes a compliance date of April 26, 2007, wherein the facility is required to select one of the compliance options offered and also to demonstrate on that date, how the facility will keep records to show compliance with all requirements of the MACT.

IX. State-Only Enforceable Requirements

The following terms and conditions are not required under the federal Clean Air Act or under any of its applicable federal requirements, and are not subject to the requirements of 9 VAC 5-80-290 concerning review of proposed permits by EPA and draft permits by affected states.

1. 9 VAC 5 Chapter 50, Part II, Article 2: Standards of Performance for Odorous Emissions (Rule 5-2).

2. 9 VAC 5 Chapter 50, Part II, Article 3, Standards of Performance for Toxic Pollutants (Rule 5-3).

(9 VAC 5-80-110 N and 9 VAC 5-80-300)